



**NOAA Ocean Satellite Data Course
March 27-29, 2007
Oregon State University, Corvallis, OR**



National Oceanic and Atmospheric Administration

&

Cooperative Institute for Oceanographic Satellite Studies (CIOSS)

Instructors

OSU/COAS: Dudley Chelton, Peter Strutton, Chris Romsos

NOAA/NMFS: Cara Wilson, David G. Foley, Luke Spence and Carlos Rivero

Agenda

Tuesday, Mar. 27, 2007 Morning

COAS Classroom, 193 Burt Hall

- 8:30 Introduction to the course - objectives and logistics, *Cara Wilson*
- 9:00 Overview of ocean remote sensing and IR specifics and applications, *Dave Foley*
- 10:00 Break
- 10:15 Visible, ocean color specifics and applications, *Pete Strutton*
- 10:45 Passive and active microwave: SST, altimetry, scatterometry specifics and applications, *Dudley Chelton*
- 12:00 Satellite applications within Fisheries and Marine Sanctuaries, *Cara Wilson*
- 12:30 Lunch (on your own)

Tuesday, Mar. 27, 2007 Afternoon

Digital Earth Classroom, Department of Geosciences, 210 Wilkinson Hall

- 2:00-2:30 Group Introductions
- 2:30-3:00 Where, when, which and how? (of satellite data usage) *Dave Foley*
- 3:00-4:30 Intro to 'ArcSatellite' *Luke Spence*
- 4:30-5:00 Group Discussion
- 5:00- ?? Bombs Away and beer

Wednesday, Mar. 28, 2007

Digital Earth Classroom, Department of Geosciences, 210 Wilkinson Hall

- 8:30-9:30 Sample Application: 'ArcFisheries' *Luke Spence*
- 9:30-10:30 PaCOOS Marine Habitat Portal: Working with web mapping services
Chris Romsos
- 10:30-11:00 Break
- 11:00-12:00 Raster Data Analysis in ArcGIS I, *Carlos Rivero*
- 12:30-2:00 Lunch (on your own)
- 2:00-3:00 Raster Data Analysis in ArcGIS II, *Carlos Rivero*
- 3:00-4:45 Data Extraction with Matlab, *Dave Foley*
- 4:45-5:00 Group Discussion
- 5:00- ?? Bombs Away and beer

Thursday, Mar. 29, 2007

Digital Earth Classroom, Department of Geosciences, 210 Wilkinson Hall

- 8:30-11:30 Continue on projects
- 11:30-12:00 Wrap-up discussion

- Class Over! -

- 1:30-4:30 One-on-one appointments can be scheduled, if desired
- 4:30- ?? Bombs Away and beer